

Amendments to the Claims

Please amend the claims as shown below.

1.- 5. (Canceled).

6. (Currently Amended) A computer-implemented enterprise management system, comprising:

a revenue budget ledger database to store a plurality of revenue budget items representing a budget defined for an organization utilizing an enterprise management application;

a revenue budget postings ledger database to store revenue items generated from various transactions and already admitted to the enterprise management system;

a plurality of Availability Control (AVC) ledgers of an Availability Control system, each ledger comprising an AVC rule set related to a control object(s), and a database to store aggregated values of revenue budget items from the revenue budget ledger database and revenue items from the revenue budget postings ledger database that are operands to the control object(s) in the AVC rule set of the ledger;

a transaction manager, executing on a processor, configured to:

receive new revenue transactions in which include a revenue value from the new posted revenue transactions-is posted by an organization, and

determine whether each revenue transaction affects any control objects of one of said Availability Control (AVC) ledgers;

an Availability Control (~~AVC~~)-manager, executing on the processor, configured to:

receive from the transaction manager an indication of the control object affected by the new revenue transaction and the revenue value of the new revenue transaction;

responsive to receipt of the revenue value posted from a new revenue transaction, configured to execute-accessing an AVC rule in one of the plurality of AVC ledgers containing represented by a the affected control object,

compare previously-posted revenue value retrieved from a source address in the AVC rule causing a comparison of previously posted revenue of the organization related to the affected control object and with a value determined using the revenue value of the new posted revenue transaction;

determine from the result of the comparison, whether with a limit to how much revenue may be posted for the control object has been exceeded according to and, if the comparison fails a relationship defined by the AVC rule, and

causing cause the transaction manager to reject the new revenue transaction based on the results of the determination.

7. (Currently Amended) The computer-implemented enterprise management system of claim 6, further comprising an AVC ledger, executing on a processor, comprising a database storing control objects and aggregations of revenue postings that are operands to the control objects, the aggregations wherein the aggregated values are generated for executing the AVC rule.

8. (Cancelled).

9. (Cancelled).

10. (Currently Amended) An Availability Control (AVC) method for an Availability Control system, the method comprising:

determining, by a processor, in response to a proposed posting of revenue to an enterprise management application, whether a revenue calculation of any control objects stored in one of a plurality of AVC ledgers would use the proposed posting in a revenue calculation, wherein each ledger of the plurality of AVC ledgers comprises an AVC rule set related to at least one of a plurality of control objects, and a database for storing aggregated values of revenue budget items from a revenue budget ledger database and revenue items from a revenue budget postings ledger database that are operands to at least one of a plurality of control object in the AVC rule set of the ledger;

identifying, by a processor, at least one of the plurality of control objects as a control object using the proposed posting in a revenue calculation;

executing, by a processor, AVC rules from the AVC ledger for each identified control object, the AVC rules testing whether the proposed posting of revenue would exceed revenue limits for the identified control object in the AVC rule set of the AVC ledger, and

blocking, if any AVC rule is violated by the posting and if the AVC rule identifies an error as a response thereto, the posting from being admitted.

11. (Currently Amended) The AVC method of claim 10, wherein the executing comprises:

~~generating~~ retrieving from an AVC database of the AVC ledger containing the identified control object, a postings operand generated from an aggregation of previously-admitted postings values addressed by the control object, and

determining whether the postings operand satisfies a test relationship stored in the rule set of the AVC ledger specified for the identified control object.

12. (Currently Amended) The AVC method of claim 10, wherein the executing comprises:

retrieving from an AVC database of the AVC ledger containing the identified control object, ~~generating~~ a postings operand generated from an aggregation of previously admitted postings values addressed by the control object and from a new revenue posting value, and

determining whether the postings operand satisfies a test relationship stored in the rule set of the AVC ledger specified for the identified control object.

13. (Currently Amended) The AVC method of claim 12, further comprising storing the postings operand in ~~a the database of the AVC ledger-storage device~~ the database of the AVC ledger associated with the control object.

14. (Cancelled).

15. (Currently Amended) The AVC method of claim 10, further comprising performing the determining, the executing and, if necessary the blocking for each of a plurality of AVC rule sets related to the identified control object in an enterprise management system.

16. (Currently Amended) A computer readable medium storing program instructions that, when executed, cause an executing device to:

responsive to a proposed postings of revenue to an enterprise management application, determine whether the revenue calculation for any control objects stored in one of a plurality of AVC ledgers would use the proposed posting in a revenue calculation, wherein each ledger of the plurality of AVC ledgers comprises an AVC rule set related to at least one of a plurality of control objects, and a database for storing aggregated values of revenue budget items from a revenue budget ledger database and revenue items from a revenue budget postings ledger database that are operands to at least one of a plurality of control objects in the AVC rule set of the ledger;

identify the at least one of a plurality of control objects as a control object using the proposed posting a revenue calculation;

execute Availability Control (AVC) rules from the AVC ledger for each identified control object, the AVC rules testing whether the proposed postings of revenue would exceed revenue limits for the identified control object in the AVC rule set of the AVC ledger, and

if any AVC rule is violated by the posting and if the AVC rule identifies an error as a response thereto, block the posting from being admitted.

17. (Currently Amended) The computer readable medium of claim 16, having instructions that further cause the executing device to:

~~generate~~ retrieve from an AVC database of the AVC ledger containing the identified control object, a postings operand generated from an aggregation of previously-admitted postings values addressed by the control object, and

determine whether the postings operand satisfies a test relationship stored in the rule set of the AVC ledger specified for the control object.

18. (Currently Amended) The computer readable medium of claim 16, having instructions that further cause the executing device to:

~~generate~~ retrieve from an AVC database of the AVC ledger containing the identified control object, a postings operand generated from an aggregation of previously-admitted postings values addressed by the control object and from a new revenue posting value, and

determine whether the postings operand satisfies a test relationship stored in the rule set of the AVC ledger specified for the control object.

19. (Currently Amended) The computer readable medium of claim 16, having instructions that further cause the executing device to store the postings operand in ~~a~~the database of the AVC ledger storage device associated with the control object.

20. (Cancelled).

21. (Currently Amended) The computer readable medium of claim 16, having instructions that further cause the executing device to perform the determination, the execution and, if necessary the blocking for each of a plurality of AVC rule sets related to the identified control object~~in an enterprise management system~~.

22. (Canceled).